



Portsmouth Paducah Project Office Remediation RFP



PreProposal Conference

Request for Proposal (RFP) Summary
January 28, 2004



Portsmouth Paducah Project Office Remediation RFP



Introduction:

Robert J. Bell, CO, presenting Sections A, B, H, K, L, M

Craig Czuchna, DOE, presenting Section C Remediation
Statement of Work (SOW) and attachments for Paducah

Mike Dabbert, DOE, presenting Section C Remediation
Statement of Work (SOW) and attachments for Portsmouth

Renee Holland, Advisor, DOE Attorney



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Conference Agenda:

1:00 – 1:10 Ground Rules

1:10 – 2:00 PreProposal Presentation

2:00 – 3:00 Break for DOE caucus

3:00 – 4:00 DOE Responses to selected questions

4:00 – 4:10 Closing Remarks



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Ground rules:

- No audio or video recording of PreProposal Conference is permitted.
- Questions can be either dropped in the box at the front of this room or submitted in accordance with the SEB Web Page instructions.
- DOE may answer some written questions during the PreProposal Conference. All questions and answers will be posted to the SEB Web Page.
- The PreProposal Conference briefing slides will be posted to the SEB Web Page.
- The terms and conditions of the RFP govern over any information presented today. Information presented here is at a summary level.



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RFP Web Page address:

http://www.ohio.doe.gov/pppo_seb

–Reference documents will be available either on the SEB Web Site or in the public reading rooms. Some information is Official Use Only (OUO) and requires a controlled distribution. Offerors are reminded not to distribute OUO information inappropriately.

RFP Email address:

ppporemediation@ohio.doe.gov



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RFP Web Page, includes:

- Site Tour Information
- PreProposal Conference Information
- RFP & Amendments
- Information Centers/Reading Room
- Reference Documents
- Original Sources Sought Announcement
- Synopsis
- Questions and Answers



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Purpose of the PreProposal Conference:

- To provide information to potential offerors regarding preparation of their proposal. Registration for Site Tours is available on the SEB Web Page. Requests for Site Tours may be submitted during the PreProposal Conference.
- Point out certain important aspects of the RFP.
- “Visualize” physical description included in the Statements of Work (SOW).
- Goal at the end of the Preproposal Conference – to have a better understanding of the Portsmouth & Paducah Remediation RFPs.



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DOE Environmental Management Perspective:

- Complete the contract to ensure the safe accomplishment of remediation activities at the Portsmouth and Paducah sites.
- Establish contract structure that clearly defines contractor performance.
- Solicit quality proposals from small businesses.



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Request for Proposal Format

- Sections A – J, and the Section J Attachments become the final contract.
 - Section B.1 Paducah
 - Section B.2 Portsmouth
 - Section C.1 Paducah Remediation Statement of Work (SOW)
 - Section C.2 Portsmouth Remediation Statement of Work (SOW)
- Section K is incorporated by reference.
- Sections L and M contain solicitation instructions and the basis of evaluation and award.



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Section A

- SF Form 33
- Offer
 - Offeror needs to complete Blocks 12-18.

Note: The proposal is not considered a valid offer unless the SF 33 is signed by a representative of the entity making the offer (e.g., if forming a new legal entity to perform the contract such as a LLC, need signature of individual representing the legal entity. Not the signatures of the representative(s) of each individual company(ies)).



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Section B Overview:

- Cost-Plus-Incentive-Fee type contract.
- Transition period (Section B) - from contract award date to the date the contractor assumes full responsibility, currently anticipated to be August 16, 2004. For the purpose of proposal preparation ONLY, assume a 45 day transition. It may be less.
- The period of performance is from contract award through September 30, 2009.



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Section B Overview:

- Clause B.1.2 Paducah contract funding profile (\$377 M)
- Clause B.2.2 Portsmouth contract funding profile (\$273 M)

Note: This is anticipated funding and NOT a Government estimate or the current baseline.

The proposal must conform to the funding profile in Section B, and the funding restrictions in Section J, Attachment 5.1 & 5.2.

- Offerors shall complete Clauses B.1.4 and/or B.2.4 Incentive Structure.
- Fee is provisional, and paid quarterly.



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Section B- Overview:

- Conditional Payment of Fee (Section B.1.7 & B.2.7) invokes penalties for not safeguarding certain information or not protecting worker safety and health. Minimum levels for specified level of performance (i.e., meeting regulatory milestones) and minimum requirements for cost performance are also subject to penalty.
- The performance evaluation periods (Section B.1.6.3 & B.2.6.3) are semi-annual.
- Reductions from the “minimum fee” amount can occur as a result of penalties resulting from the CPOF clause.



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Section H- Special Contract Provisions:

- Project Control System and Reporting Requirements (Clause H.1)
 - The contractor shall submit baselines consistent with the terms and conditions of the contract and their proposal:
 - Remediation Baseline (due 120 calendar days after award)
 - Remediation Lifecycle Baseline (due 120 calendar days after award)
 - Site Lifecycle Baseline (due 180 calendar days after CO provision of info.)
- Key Personnel (Clause H.5)
 - List the three proposed Key Personnel.

(same 3 who: are proposed; submit resumes; participate in orals)



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Section H- Special Contract Provisions:

- Assignment of Existing Agreements and Subcontracts (Clause H.16)
 - Three subcontracts are identified in Section J, Attachment 6 that must be assumed. Additional subcontracts for assignment may be pursued by the offeror.
- Government Furnished Services and Items (GFSI) (Clause H.17)



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Section I- Contract Clauses:

- Incorporation of FAR and DEAR Clauses by reference
 - Section I, Clause I.48 “Hazardous Material Identification and Material Safety Data” is a mandatory fill-in.
 - Other Section I Clauses are fill-in only as applicable such as, I.65 and I.132. Please review carefully.



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Section K- Representations, Certifications, and Other Statements of Offerors or Respondents:

- Offerors shall complete and submit all of the fill-in information provided in Section K. Failure to provide the requested information may make the offer unacceptable for award.

– Note: K.4 Small Business Program Representations.



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Section L- Instructions to Offerors:

- Provision L.5 (FAR 52.215-1 Instructions to Offerors - Competitive Acquisition)
- The proposal shall consist of three physically separated volumes
 - Volume I - Offer (5 copies) (Provision L.16)
 - Volume II - Technical Proposal (10 Copies) (Provision L.17)
 - Volume III - Cost/Fee (10 copies) (Provision L.18)
- Ensure the SF 328 “Certificate Pertaining to Foreign Interest” is submitted.



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Section L- Instructions to Offerors, continued:

- Volume II - Technical Proposal (10 copies)
 - Not to include any cost data
 - Separate proposals for Portsmouth & Paducah sites
 - Page limitations. Pages that exceed the page limitations will not be considered in the evaluation.



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Section L- Instructions to Offerors, continued

- Volume III - Cost/Fee (10 copies)
 - All cost information to be included in the cost volume unless otherwise requested by the RFP.
 - Separate cost proposals for the Portsmouth & Paducah sites.
 - Breakdown of cost to the WBS level specified in Section J, Att. 5.1 & 5.2 using the structure provided.
 - Exclusion of any costs based on proposed cost saving innovations or risk mitigations shall be clearly identified in the cost volume.
 - Information to be submitted which shows offeror's compliance with the Limitation on Subcontracting clause (FAR 52.219-14)



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Section L- Instructions to Offerors, continued:

- For the purpose of proposal preparation, assume an award date of July 2, 2004 and a 45 day transition. **ONLY FOR THE PURPOSE OF PROPOSAL PREPARATION.**
- Past Performance – Offerors shall propose **three** references for contracts (similar in type, scope, complexity or risk) completed or in progress during the last three years. Provide the same type of information for joint venture members, LLCs, and any major subcontractors (over \$5M in any one year).
 - For example, a LLC formed for purposes of competing on this acquisition, comprised of two members should propose up to three references for each of the members (for a total of six) plus three references for each major subcontractor of the offeror (LLC).



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Section L- Instructions to Offerors, continued:

- Proposals are due by 4:00 PM EST **March 16, 2004** (Provision L.19)
- Questions may be submitted until two weeks before the RFP closes via email to:
ppporemediation@ohio.doe.gov
- Responses will be posted to the SEB Web Page



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Section L- Instructions to Offerors, continued:

- Oral Interviews will be conducted. (Provision L.22)
- The Government may elect to perform a pre-award survey of a prospective offeror. (Provision L.24)



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Section M- Evaluation Factors for Award:

- The Government intends to award one contract for each site to the responsible offeror whose proposal is responsive to the solicitation and is determined to be the best value to the Government (see Provision M.2)
- The relative importance of the evaluation factors is provided in Provision M.3.



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Section C.1 Paducah Remediation Statement of Work (SOW)



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Paducah

- Paducah Gaseous Diffusion Plant
- Located in Western Kentucky
- Uranium Enrichment Facility
 - Ongoing activity
 - USEC
- National Priorities List Since 1994



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Paducah – Basic Statistics

- Constructed in the 1950's
- Plant Site 3,556 acres
 - Fenced Area 748 acres
- ~300 Facilities Leased to USEC
- ~200 Facilities Retained by DOE
- Employment
 - DOE activities: ~500
 - USEC: ~1,500



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Paducah- Key Interfaces

- DOE (HQ, Lexington, Paducah/Portsmouth)
 - Owner
- United States Enrichment Corporation (USEC)
 - Lease Uranium Enrichment Facilities
- Uranium Disposition Services, LLC (UDS)
 - Disposition of DUF_6 Tails
- Infrastructure Contractor
 - Perform in accordance with Infrastructure contract



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Paducah- Key Interfaces Cont.

- Bechtel-Jacobs Company, LLC (BJC)
 - Environmental Clean-up
- Federal Regulators
 - EPA, Region 4
 - Department of Interior
 - Fish & Wildlife Service
 - Defense Nuclear Facilities Safety Board
 - DUF₆
 - Nuclear Regulatory Commission
 - USEC operations



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Paducah- Key Interfaces Cont.

- State Regulators
 - Division of Waste Management
 - Division of Air Quality
 - Historic Preservation Office
- Stakeholders
 - Citizen's Advisory Board (CAB)
 - Purchase Area Community Reuse Organization (PACRO)
 - West Kentucky Wildlife Management Area



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Paducah- Contract Purpose

- Continue Ongoing Environmental Clean-up Activities
- Perform CERCLA Clean-Up Investigations
- Manage and Transition DUF₆ Cylinders
- Continue Ongoing Environmental Monitoring Activities
- Continue Ongoing Surveillance and Maintenance Activities



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Paducah- Key Documents

- Site Management Plan
- Federal Facilities Agreement
- RCRA Permit
- Agreed Orders
- Site Treatment Plan
- CERCLA Decision Documents
- USEC Lease



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Paducah- Groundwater

- Clean-up Contamination Source(s)
 - TCE
- Operate Pump & Treat Facilities
 - Northeast and Northwest Plumes
- Investigate Sources of Plumes
 - C-746-S&T Landfills
 - Burial Grounds



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Building 612



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Paducah- Material Disposition

- Scrap Metal
 - Disposition material
- Department of Energy Material Storage Areas (DMSAs)
 - Characterization and disposition
- Waste Disposition
 - Operation of storage facilities and landfill
 - Disposition of legacy material



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Scrapyard



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753 inside



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U Landfill



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Paducah- Facility Disposition

- C-410/420 Complex
 - Continue ongoing D&D activities
- Inactive Facilities
 - Disposition 15 small “facilities”
- C-340
 - Surveillance & Maintenance



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410 Building



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Paducah- Soils

- North/South Diversion Ditch
 - Continue on-site clean-up activities
 - Off-site “hot-spot” clean-up, if required or identified by CERCLA documentation
- Sedimentation Basin
 - Construction of 2 sedimentation basins, if required or identified by CERCLA documentation



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NSDD



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Paducah- Other

- DUF₆ Cylinder Management
 - Transition to UDS
- Onsite Disposal Cell
 - CERCLA decision
- PCB
 - Ongoing activity
- Environmental Monitoring
 - Ongoing activity
- ES&H
 - Ongoing activity



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Cylinders



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Section C.2 Portsmouth Remediation Statement of Work (SOW)



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Portsmouth

- Portsmouth Gaseous Diffusion Plant occupies about 1,200 acres of the 3,714-acre site owned by DOE.
- The United States Enrichment Corporation (USEC) leases production facilities - Nuclear Regulatory Commission regulates.
- The USEC Cold Standby and DOE-related jobs employ about 1,700 people.
- DOE Environmental Management work regulated under state and federal laws.



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Portsmouth Site History

- Construction began in 1952, first cell on stream in Sept 1954
- Ceased production of weapons material in 1964
- Construction of Gaseous Centrifuge Enrichment Plant: 1979-85
- Highly Enriched Uranium (HEU) production suspended in 1991
- Privatization of USEC in July 1998, ceased enrichment operations in May 2001
- DOE signs contract with USEC for Cold Standby in Aug 2001
- USEC announces GCEP Lead Cascade at Portsmouth Dec 2002
- USEC selects Portsmouth for commercial GCEP in Jan 2004



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Portsmouth Key Regulatory Drivers

- U.S. EPA Administrative Order by Consent, 1989
(Amended 1994, 1997)
- Ohio EPA Consent Decree, 1989

Regulatory Interfaces

- Ohio EPA has day-to-day oversight
- Decision Team concept
- Senior Managers Meetings



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Portsmouth- Key Interfaces

- DOE (HQ, Lexington, Portsmouth/Paducah)
 - Owner
- United States Enrichment Corporation (USEC)
 - Lease Uranium Enrichment Facilities/DOE Contract for Cold Standby
- Uranium Disposition Services, LLC (UDS)
 - Disposition of DUF_6 Tails
- Infrastructure Contractor
 - Perform in accordance with Infrastructure contract
- Bechtel-Jacobs, LLC
 - Environmental Clean-up through transition



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Portsmouth- Key Interfaces Cont.

- Federal and State Regulators
 - EPA, Region 5
 - Ohio EPA
 - State Historical Preservation Office
 - Defense Nuclear Facilities Safety Board
 - Nuclear Regulatory Commission
 - USEC operations
- Stakeholders
 - Southern Ohio Diversification Initiative (SODI)



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Portsmouth- Contract Purpose

- Legacy Waste Storage, Treatment and Disposal
- Manage and Transition Depleted Uranium Hexafluoride (DUF_6) Cylinders
- Remediation of Environmental Contamination
- Final Disposition of Highly Enriched Uranium
- Environmental Monitoring and Post Remediation Surveillance and Maintenance



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Portsmouth Environmental Remediation

- Quadrant II Remedial Actions
 - Selected remedies for the X-701B Holding Pond and Retention Basins
- X-747H Scrap Yard
 - Disposition of remaining scrap materials
- Inactive Facilities Removal
 - Demolition of 14 inactive facilities
- Post Remediation S&M
 - Upgrade and construct X-624 and X-627 GW Treatment Facilities
 - Demolition of the X-622T GW Treatment Facility
- Environmental Monitoring and Reporting



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X-747H Scrap Yard



X-622 GW Treatment Facility



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X-615 Old Sewage Treatment Plant



X-770 Mechanical Test Facility



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Portsmouth Waste Management

- Waste Disposition
 - Disposition of legacy and newly generated waste
 - Operations of waste storage facilities
 - Facility maintenance



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Inside the X-7725 Area A



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Portsmouth Uranium Programs

- Highly Enriched Uranium Program
 - Disposition of all HEU materials stored at Nuclear Fuel Services and the Portsmouth Site
- Depleted Uranium Hexafluoride Cylinder Management
 - Turnover all cylinders to Uranium Disposition Services
- Polychlorinated Biphenyl (PCB) Activities
 - Cleanup and disposal of PCB spills and leaks/maintain troughing systems
- Gaseous Centrifuge Enrichment Plant Activities
 - Transfer of GCEP facilities to USEC
- Uranium Management Group Activities
 - Disposition of existing uranium materials/facility maintenance



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Cylinder Yard



Uranium material stored at the X-744G



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Portsmouth - Other

- Onsite Disposal Cell Planning
 - CERCLA Decision
- Project Support
 - Project Management System
 - Integrated Safety Management System
 - Environmental, Safety and Health Program
 - Administrative
 - Transportation
 - Records Management
 - Safeguards and Security



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Section L- Instructions to Offerors:

- Provision L.4 Guidance for Prospective Offerors- Impact of Teaming Arrangements on Small Business Status
- Provision L.18(t) and Clause I.26, FAR 52.219-14, Limitations on Subcontracting



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Thank you for attending.

- Questions may be dropped off up front or submitted via email.
- Site tours are available.